Spatial and Single Cell Biology

Current Expensive Instruments 2022

Unit	Cost of acquisition	Year of purchase	Depreciation end year	Annual depreciation	*Current Expensive Instruments*	Depreciation 2022	Depreciation 2023	Depreciation 2024	Depreciation 2025	Depreciation 2026	Depreciation 2027
Advanced FISH Technologies				0							
Eukaryotic Single Cell Genomics	2 479	2019	2024	413	Takara iCell8 cx (82% of 3023 kSEK)	496	496	289			
In Situ Sequencing	1 257	2019	2024	210	Leica DMi8	210	210	175			
Spatial Mass Spectrometry	7 090	2017	2022	1 418	solariX FTICR MS (UA 2016/88) (charged via the research group)						
Spatial Mass Spectrometry	9 250	2021	2030	925	solarix FTICR MS (UH 2018/96)(charged via the research group)						
Spatial Mass Spectrometry	1 600	2021	2024	400	Service contract UH 2016/88, UH 2018/96						
Spatial Mass Spectrometry	650	2019	2024	108	Liquid Droplet Deposition Robot (UH 2018/107)(charged via the research group)						
Spatial Proteomics	500	2018	2022	100	CODEX	100					
Spatial Proteomics	5 000	2021	2025	1 000	COMET	1 000	1 000	1 000	1 000	1 000	
Spatial Proteomics	3 000	2021	2025	600	Phenocycler Fusion	600	600	600	600	600	
					Sum Depreciation current instruments	**2 406**	**2 306**	**2 064**	**1 600**	**1 600**	**0**

New Instruments

Unit	Cost of acquisition	Year of purchase	Depreciation end year	Annual depreciation	*New Instruments (5 year perspective)*	Depreciation 2022	Depreciation 2023	Depreciation 2024	Depreciation 2025	Depreciation 2026	Depreciation 2027
Advanced FISH Technologies			4	0							
Eukaryotic Single Cell Genomics	3 600	2023	2027	720	Possibly a Chromium Connect		720	720	720	720	720
In Situ Sequencing	3 656	2022	2026	731	Possibly Xenium	731	731	731	731	731	
In Situ Sequencing /ST unit - awarded to SSCB platform (KTH) from VR grant	3 656	2022	2026	731	Possibly Xenium	731	731	731	731	731	
Spatial Mass Spectrometry	13 260	2022	2032	1 326	MALDI mass spectrometer	1 326	1 326	1 326	1 326	1 326	1 326
Spatial Proteomics	3 200	2024	2028	640	One additional Phenocycler Fusion			640	640	640	640
					Sum Depreciation New Instruments	**2 788**	**3 508**	**4 148**	**4 148**	**4 148**	**2 686**
					Cumulative cost of acquisition	**13 940**	**17 540**	**20 740**	**20 740**	**20 740**	**13 430**
					Total Depreciation for Platform	***5 194***	***5 814***	***6 212***	***5 748***	***5 748***	***2 686***